

# Chem-Impex International, Inc.

---

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

**Catalogue Number** 31654  
**Lot Number** 000630-32474  
**Product** **(2S,4S)-Fmoc-4-aminomethyl-1-Boc-pyrrolidine-2-carboxylic acid**

Boc-L-*trans*-Pro(4-CH<sub>2</sub>NH-Fmoc)-OH

**Molecular Formula** C<sub>26</sub>H<sub>30</sub>N<sub>2</sub>O<sub>6</sub>

**Molecular Weight** 466.53

---

**Appearance** White powder

**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = -6.4° (C=1 in NMP)

**Analysis by Mass Spectra** M = 465.9

**<sup>13</sup>C NMR** Conforms to structure

**<sup>1</sup>H NMR** Conforms to structure

**Purity by HPLC** 97.6%

**Storage** Store at 0-8 °C

**Remarks** See material safety data sheet for additional information  
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**